Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 22416-014006	Application No. 10/712,006
•	closure Statement oplicant	Applicant Hugh R. Sharkey et al.	·
(Use several si	ieets if necessary)	Filing Date November 14, 2003	Group Art Unit

	U.S. Patent Documents											
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate					
. /Y.L./	AA	6,562,033	05/13/2003	Shah et al.								
	AB											
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Examiner	Desig.	Document	Publication	Country or			_	lation
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	AL							
	AM							
	AN			-				
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,	Other Do	ocuments (include Author, Title, Date, and Place of Publication)
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Examiner Signature	/Yun Haeng Lee/ (08/09/2007)	Date Considered 08/09/2007
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1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	closure Statement	Applicant Hugh R. Sharkey et al.	
	(Use several sheets if necessary)		Group Art Unit
(37 CFR 81 98/b))	·	November 14, 2003	3762

	U.S. Patent Documents											
Examiner Initial	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate					
•	AA											
	AB											
•	AC											
	AD											
	AE	•										

	Foreigi	n Patent Doc	uments or Pi	ublished Foreign		Applicati		
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes	ation No
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	AG	·						
	AH						.,	
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	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig.	Document
/Y.L./	AK	Kirwin, Thomas J., "The Treatment of Prostatic Hypertrophy by a New 'Shrinkage' Method," J. Urol.; vol. 32; 1934, pp. 481-94.
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	АР	
	ΛQ	

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U.S. Department of Commerce Patent and Trademark Office Attomey's Docket No. 14170-038006

Application No. 10/712,006

mormation Disclosure Statement by Applicant (Use several sheets if necessary) Applicant

Hugh R. Sharkey et al.

Filing Date

Group Art Unit

(37 CFR §1.98(b))

November 14, 2003

3762

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/Y.L./	AA	Re. 33,258	07/10/1990	Onik et al.			
	AB	4,863,430	09/05/1989	Klyce et al.			
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	AE	5,285,795	02/15/1994	Ryan et al.			
	AF	5,313,962	05/24/1994	Obenchain			
V	AG	5,948,008	09/07/1999	Daikuzono			
/Y.L./	AH	5,976,105	11/02/1999	Marcove et al.	·		
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Initial	. ID	Number	Date	Patentee	Class	Subclass	If Appropriate

	Foreign Patent Documents or Published Foreign Patent Applications											
		Document	Publication	on Country or			Trans	Translation				
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No				
/Y.L./	ΑI	2 012 388	05/15/1994	Russia			Yes					
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Examiner Initial	Desig. ID	Document					
/Y.L./	AK	Surgical Dynamics, "Discography System For Contemporary Spine Surgery," copyright 1991 (2 pages).					
ı	AL	Surgical Dynamics, "Nucleotome System Automated Percutaneous Lumbar Discectomy" (3 pages).					
	AM	Surgical Dynamics, "Nucleotome Flex II For Automated Percutaneous Lumbar Discectomy," copyright 1992 (2 pages).					
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	closure Statement oplicant	Applicant Hugh R. Sharkey et al.	
(Use several sh	eets if necessary)	Filing Date	Group Art Unit
(37 CFR §1.98(b))		November 14, 2003	3762

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.	ВС	Cooney, "Percutaneous Lumbar Discectomy," Clinics in Sports Medicine, 12(3):557-568 (July 1993)				
	BD	Davis, G.W.et al., "Automated Percutaneous Discetomy," Spine, 16(3):359-363, (March 1991)				
	BE	Day, P.L., "Lateral Approach For Lumbar Diskogram And Chemonucleloysis," Clinical Orthopaedics and Related Research, No. 67 (Nov/Dec 1969)				
	BF	Garvin, P., et al., "Chymopapain: A Pharmacologic And Toxicologic Evaluation In Experimental Animals," Meeting of the Chicago Orthopedic Society, pp. 204-223 (May 10, 1963)				
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	вн	Jacobson, "Lumbar Percutaneous Diskectomy," <u>Bulletin of the Hospital for Joint Diseases</u> Orthopaedic Institute, Vol. 48, no. 1 (1988)				
	BI	Kahanovitz, et al., "A Multicenter Analysis of Percutaneous Discectomy," Spine, 15(7):713-715 (July 1990)				
	ВЈ	Kambin, et al., "Arthroscopic Microdiscetomy versus Nucleotomy Techniques," Clinics in Sports Medicine, 12(3):587-598 (July 1993)				
	вк	Kambin, et al., "Development of Degenerative Spondylosis of the Lumbar Spine After Partial Discectomy," Spine, 20(5):599-607 (March 1, 1995)				
	BL	Kambin, et al., "History and Current Status of Percutaneous Arthroscopic Disc Surgery," Spine, 21(245):575-615 (Dec. 15, 1996)				
	ВМ	Kambin, et al., "Percutaneous Posterolateral Discectomy: Anatomy and Mechanism," Clinical Orthopaedics and Related Research, No. 223 (Oct. 1987)				
·	BN	Kaufman, H. et al., "Mechanical Aspiration Of Hematomas In An In Vitro Model," Neurosurgery, 25(3): 347-350 (Sept. 1989)				
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	BQ	Liebler, "Percutaneous Laser Disc Decompression: Clinical Experience with the Nd:YAG and KTP Lasers," Spine: State of the Art Reviews, 7(1):55-65 (Jan. 1993)				
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	BS	Maroon, J. et al., "Percutaneous Automate Discectomy: A New Method For Lumbar Disc Removal, Technical Note," <u>Journal of Neurosurgery</u> , 66(1): 143-146 (Jan. 1987)				
	ВТ	Maroon, J. et al., "Percutaneous Automated Discectomy, A New Approach To Lumbar Surgery," <u>Clinical Orthopaedics and Related Research</u> , No. 238, pp. 64-70 (Jan. 1989)				
	BU	Maroon, et al., "Percutaneous Discectomy for Lumbar Disc Herniation," Neurosurgery Clinics of North America, 4(1):125-134 (Jan 1993)				
V	BV	Mayer, et al., "Percutaneous Endoscopic Laser Discectomy (PELD): A New Surgical Technique for Non-sequestrated Lumbar Discs," Acta Neurochirurgica, Supp 54, pp. 53-58 (1992)				
/Y.L./	CA	Mayer, "Spine Update: Percutaneous Lumbar Disc Surgery," Spine, 19(23):2719-2723, (Dec. 1994)				

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14170-038006	Application No. 10/712,006	
"""	closure Statement oplicant	Applicant Hugh R. Sharkey et al.		
(Use several sh (37 CFR §1.98(b))	eets if necessary)	Filing Date November 14, 2003	Group Art Unit 3762	

xaminer	Desig.				
Initial	QI	Document Nachida et al. "Basedana Nachatamaia I umbar Dia Mamiatian A Basedatin Saulu"			
/Y.L./	СВ	Mochida, et al., "Percutaneous Nucleotomy in Lumbar Disc Herniation: A Prospective Study," Spine, 18(14):2063-2068 (Oct. 15, 1993)			
l	СС	O'Laoire, S., et al., "Spinal Cord Compression Due To Prolapse Of Cerival Intervertebral Disc (Herniation Of Nucleus Pulposus," Journal of Neurosurgery, 59, pp. 847-53 (1983)			
	CD	Onik, G., et al., "Percutaneous Lumbar Diskectomy Using A New Aspiration Probe: Porcine And Cadaver Model," Radiology, 155(1): 251-252 (Apr. 1985)			
	CE	Onik, G., et al., "Percutaneous Lumbar Diskectomy Using A New Aspiration Probe: Preliminary Results," [Journal of clinical and laboratory research,] <u>Investigative Radiology</u> , 20(6):S18 (Sept 1985).			
	CF	Onik, G., et al., "Percutaneous Lumbar Diskectomy Using A New Aspiration Probe," American Journal of Roentgenology, 144:1137-1140 (June 1985)			
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	СН	Onik, G., et al., "Automated Percutaneous Discectomy at the L5-S1 Level: Use of a Curved Cannula," Clinical Orthopaedics and Related Research, No. 238, pp. 71-76 (Jan. 1989)			
	CI	Onik, G., et al., "Automated Percutaneous Discectomy: A Prospective Multi-Institutional Study," Neurosurgery, 26(2):228-233 (Feb. 1990)			
	CJ	Patsiaouras, et al., "Percutaneous Nucleotomy: An Anatomic Study of the Risks of Root Injury," Spine, 16(1):39-42 (Jan. 1991)			
	CK	Plancarte et al., "Complex Regional Pain Syndrome Type 2 (Causalgia) After Automated Laser Discetomy: A Case Report," Spine, 22(4):459-462, (Feb. 15, 1997)			
1	CL	Quigley, et al., "Laser Discectomy: A Review," Spine 19(1):53-56 (Jan. 1, 1993)			
	СМ	Quigley, et al., "Percutaneous Laser Discectomy with the Ho:YAG Laser," <u>Lasers in Surgery and Medicine</u> , 12(6):621-624 (1992)			
	CN	Revel, et al., "Automated Percutaneous Lumbar Discectomy Versus Chemonucleolysis in the Treatment of Sciatica: A Randomized Multicenter Trial," Spine, 18(1):1-7 (Jan. 1993)			
	СО	Shevlin, W. et al., "Perforation of the Anterior Annulus During Lumbar Discectomy," <u>Journal of Neurosurgery</u> , Vol. 38, No. 4, pp. 514-515 (Apr. 1973)			
	СР	Sluijter, et al., "Letter To The Editor," Spine, 21(4):528-529 (Feb. 15, 1996)			
	CQ	Smith, L. et al., "Enzyme Dissolution Of The Nucleous Pulposus," Nature, Vol. 198, pp. 1311-131 (1963)			
	CR	Smith, L. et al., "Enzyme Dissolution Of The Nucleous Pulposus In Humans," <u>JAMA</u> , 187(2):177-180 (Jan 1964)			
	CS	Smith, L. et al., "Treatment of Lumbar Intervertebral Disc Lesions By Direct Injection Of Chymopapain," Journal of Bone and Joint Surgery, 49B(3): 502-519 (Aug 1967)			
	СТ	Sussman, B., "Intervertebral Discolysis With Collagenase," <u>Journal of the National Medical Association</u> , 60(3): 184-187 (May 1968)			
	CU	Sussman, B. et al., "Experimental Intervertebral Discolysis With Collagenase," <u>Journal of Neurosurgery</u> , 31: 628-635 (Dec. 1969)			
V	CV	Sussman, B., "Inadequacies and Hazards Of Chymopapain Injections As Treatment For Intevertebration Disc Disease," <u>Journal of Neurosurgery</u> , 42: 389-396 (Apr. 1975)			
/Y.L./	DA	Ulrich, "Automatisierte perkutane Nukleotomie," Zeitschrift für Orthopaedie und Ihre Grenzbebiet			
aminer Sign	ature /Yu	un Haeng Lee/ (08/09/2007) Date Considered 08/09/2007			

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14170-038006	Application No. 10/712,006	
	closure Statement	Applicant Hugh R. Sharkey et al.		
(Use several sh	eets if necessary)	Filing Date November 14, 2003	Group Art Unit 3762	

	Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner Desig.		Document				
		No. 130, pp. 45-50 (Jan/Feb 1992)				
/Y.L./	DB	van Kleef, M., et al., "Percutaneous Intradiscal Radio-Frequency Thermocoagulation In Chronic Non-Specific Low Back-Pain," The Pain Clinic, 9(3):259-268 (1996)				
	DC	Williams, R., "Microlumbar Discectomy, A Conservative Surgical Approach To The Virgin Herniated Lumbar Disc," Spine, 3(2): 175-182 (June 1978)				
	DD	Yeo, et al., "Clinical Experience with Automated Percutaneous Discectomy," Singapore Medical Journal, 34(4):313-315 (Aug. 1993)				
	DE	Yeung, A., "Considerations for Use of the KTP Laser for Disc Decompression and Ablation," Spine: State of the Art Reviews, 7(1): 67-93 (Jan 1993)				
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	DG	Zhou, et al., "Percutaneous Lumbar Discectomy Using a New Nucleotome System: Report of 182 Cases," Chinese Medical Journal, 106(6):446-451 (June 1993)				
,	DH	"ArthroCare's Opening Markman Brief Regarding U.S. Patent Nos. 5,980,504 and 6,261,311," filed in U.S. District Court for the Western District of Tennessee Western Division on February 20, 2004, 31 pages				
	DI	"Smith & Nephew's Opening Markman Brief for U.S. Patent Nos. 5,980,504 and 6,261,311," filed in U.S. District Court for the Western District of Tennessee Western Division on February 20, 2004, 23 pages				
·V	Dì	"ArthroCare Corporation's Brief in Opposition to Smith & Nephew's Opening Markman Brief for U.S. Patent Nos. 5,980,504 and 6,261,311," filed in U.S. District Court for the Western District of Tennessee Western Division on March 26, 2004, 21 pages				
/Y.L./	DK	"Smith & Nephew Inc.'s Opposition Markman Brief for U.S. Patent Nos. 5,980,504 and 6,261,311," filed in U.S. District Court for the Western District of Tennessee Western Division on March 26, 2004, 44 pages				

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EXAMINER: Initials of next communication		ot in conformance and not considered. Include copy of this form with Substitute Disclosure Form (PTO-1449)

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Substitute/Form PTO-1449

U.S. Department of Commerce Patent and Trademark Office Attomey's Docket No. 14170-038006

Application No. 10/712,006

Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Hugh R. Sharkey et al.

Filing Date

Group Art Unit

(37 CFR §1.98(b))

November 14, 2003

To be assigned

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Examiner Initial	Desig.	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
/Y.L./	AA	164,184	06/08/75	Kidder	0.000		
<u>-</u>	AB	300,155	06/10/84	Starr	,		
	AC	371,664	10/18/87	Brannan et al.	-		
	AD .	452,220	05/12/91	Gunning			
	AE	1,314,855	09/02/19	Carpenter			<u> </u>
 -	AF	1,366,756	01/25/21	Wappler			
	AG	1,731,627	10/15/29	Johnson et al			
	AH	1,735,271	11/12/29	Groff			
 	AI	1,814,791	07/14/31	Ende			
	AJ	1,908,583	05/09/33	Wappler			
	AK	1,916,722	07/04/33	Ende			
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	AM	1,943,543	01/16/34	McFadden			
	AN	1,983,669	12/11/34	Kimble			
	AO	2,002,594	05/28/35	Wappler et al.			
	AP	2,004,559	06/11/35	Wappler et al.			
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	AS	2,224,464	12/10/40	Wolf			
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	AV	3,152,590	10/13/64	Rodriguez Zurdo et al.			·
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	AX	3,460,539	08/12/69	Anhalt			
V	AY	3,595,239	07/27/71	Petersen .			
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U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 14170-038006

Application No. 10/712,006

Information Disclosure Statement by Applicant (Use several sheets if necessary) Applicant
Hugh R Sh

Hugh R. Sharkey et al.

Group Art Unit

(37 CFR §1.98(b))

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/Y.L./	ВА	3,768,482	10/30/73	Shaw		
1	BB	3,769,984	11/06/73	Muench		
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	BD	3,815,604	06/11/74	O'Malley et al.		
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	BF	3,870,047	03/11/75	Gonser		
	BG	3,901,242	08/26/75	Storz		
	ВН	3,902,494	09/02/75	Haberlen et al.		
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	BN	4,011,872	03/15/77	Komiya		
	ВО	4,016,881	04/12/77	Roiux et al.		_
	BP	4,034,762	07/12/77	Corsens et al.		
	BQ	4,040,426	08/09/77	Morrison		
	BR	4,060,086	11/29/77	Storz		
	BS	4,060,087	11/29/77	Hiltebrandt et al.		
	BT	4,060,088	11/29/77	Morrison		
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	BV	4,140,130	02/20/79	Storm III		
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V	BY	4,184,492	01/22/80	Meinke et al.		
/Y.L./	BZ	4,240,441	12/23/80	Khalil	<u> </u>	

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	СС	4,418,692	12/06/83	Guay		
	CD	4,427,006	01/24/84	Nottke		
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	CK	4,565,200	01/21/86	Cosman		
	CL	4,643,186	02/17/87	Rosen et al.		
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	CS	4,719,914	01/19/88	Johnson		
	СТ	4,735,201	04/05/88	O'Reilly		
	CU	4,753,223	06/28/88	Bremer		
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	CW	4,765,331	08/23/88	Petruzzi et al.		
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W	CY	4,784,161	11/15/88	Skalsky et al.		
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/Y.L./	DΑ	4,805,616	02/21/89	Pao		
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	DC	4,823,791	04/25/89	D'Amelio et al.	 	
	DD	4,846,175	07/11/89	Frimberger	 	
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	DF	4,917,092	04/17/90	Todd et al.		
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	DI	4,927,420	05/22/90	Newkirk et al.		
	DJ	4,936,301	06/26/90	Rexroth et al.		
	DK	4,943,290	07/24/90	Rexroth et al.		
	DL	4,950,267	08/21/90	Ishihara et al.		
	DM	4,955,378	09/11/90	Grasso		
	DN	4,976,711	12/11/90	Parins et al.		·
	DO	5,007,908	04/16/91	Rydell		
	DP	5,013,312	05/07/91	Parins et al.		
	DQ	5,084,044	01/28/92	Quint		
	DR	5,084,043	01/28/92	Hertzmann et al.		
	DS	RE 33,925	05/12/92	Bales et al.		
	DT	5,122,138	06/16/92	Manwaring		
	DU	5,125,928	06/30/92	Parins et al.		
	DV	5,158,561	10/27/92	Rydell et al.		
	DW	5,163,938	11/17/92	Kambara et al.		
	DX	5,171,255	12/15/92	Rydell		
V	DY	5,205,816	04/27/93	Dodson et al.	· · · · · · · · · · · · · · · · · · ·	
/Y.L./	DZ	5,207,675	05/04/93	Canady	<u> </u>	
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Examiner Signature	/Yun Haeng Lee/ (08/09/2007)	Date Considered 08/09/2007	
	itation considered. Draw line through citation if no	of in conformance and not considered. Include copy of this form with	1

U.S. Department of Commerce Patent and Trademark Office Application No. Attorney's Docket No. Substitute Form PTO-1449 (Modified) 14170-038006 10/712,006 Applicant **Information Disclosure Statement** Hugh R. Sharkey et al. by Applicant (Use several sheets if necessary) Filing Date **Group Art Unit** To be assigned November 14, 2003 (37 CFR §1.98(b))

			·	
/Y.L./	EA	5,211,625	05/18/93	Sakurai et al.
,	EB	5,241,972	09/07/93	Bonati
	EC	5,254,121	10/19/93	Manevitz et al.
	ED	5,273,524	12/28/93	Fox et al.
	EE	5,277,696	01/11/94	Hagen
	EF	5,281,213	01/25/94	Milder et al.
	EG	5,281,218	01/25/94	Imran
	EH	5,282,845	02/01/94	Bush et al.
	EI	5,300,069	04/05/94	Hunsberger et al.
	EJ	5,301,687	04/12/94	Wong et al.
	EK	5,318,525	06/07/94	West et al.
	EL	5,336,222	08/09/94	Durgin et al.
	EM :	5,364,839	11/15/94	Gerhart et al.
	EN	5,383,876	01/24/95	Nardella
	EO	5,383,923	01/24/95	Webster
	EP	5,385,148	01/31/95	Lesh et al.
	EQ	5,396,900	03/14/95	Slater et al.
	ER	5,403,311	04/04/95	Abele et al.
	ES	5,409,008	04/25/95	Svenson et al.
·	ET	5,421,819	06/06/95	Edwards et al.
	EU	5,423,808	06/13/95	Edwards et al.
	EV	5,423,811	06/13/95	Imran et al.
	EW	5,423,815	06/13/95	Fugo
	EX	5,423,882	06/13/95	Jackman et al.
$-\Lambda$	EY	5,431,649	07/11/95	Mulier et al.
/Y.L./	EZ	5,433,708	07/18/95	Nichols et al.

Examiner Signature	/Yun Haeng Lee/ (08/09/2007)	Date Considered 08/09/2007	
EXAMINER: Initials of next communication to		t in conformance and not considered. Include copy of this form with	

U.S. Department of Commerce Patent and Trademark Office Application No. Attorney's Docket No. Substitute Form PTO-1449 (Modified) 14170-038006 10/712,006 Applicant **Information Disclosure Statement** Hugh R. Sharkey et al. by Applicant (Use several sheets if necessary) Group Art Unit Filing Date To be assigned

(37 CFR §1.98(b))

November 14, 2003

		5 425 666	00/01/05	Cohen et al.	
/Y.L./	FA	5,437,664	08/01/95		
	FB	5,441,499	08/15/95	Fritzsch	
	FC .	5,454,809	10/03/95	Janssen	
	FD	5,456,682	10/10/95	Edwards et al.	
	FE	5,458,597	10/17/95	Edwards et al.	
	FF	5,470,309	11/28/95	Edwards et al.	
	FG	5,472,426	12/05/95	Bonati et al.	
	FH	5,472,441	12/05/95	Edwards et al.	
	FI	5,487,385	01/30/96	Avitall	
·	FJ	5,520,645	05/28/96	Imran et al.	
	FK	5,522,815	06/04/96	Durgin	
	FL	5,540,681	07/30/96	Strul et al.	
	FM	5,542,945	08/06/96	Fritzsch	
	FN	5,545,161	08/13/96	Imran	
	FO	5,545,193	08/13/96	Fleischman et al.	
	FP	5,569,244	10/29/96	Hahnen	
	FQ	5,569,245	10/29/96	Guglielmi et al.	
	FR	5,571,147	11/05/96	Sluijter et al.	<u>.</u>
	FS	5,573,533	11/12/96	Strul	
	FT	5,582,609	12/10/96	Swanson et al.	
	FU	5,584,830	12/17/96	Ladd et al.	
	FV	5,601,572	02/11/97	Middleman et al.	
	FW	5,603,709	02/18/97	Johnson	
	FX	5,607,422	03/04/97	Smeets et al.	
$-\Psi$	FY	5,637,090	06/10/97	McGee et al.	_
/Y.L./	FZ	5,643,255	07/01/97	Organ	

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U.S. Department of Commerce Patent and Trademark Office Application No. Attorney's Docket No. Substitute Form PTO-1449 10/712,006 (Modified) 14170-038006 Information Disclosure Statement by Applicant (Use several sheets if necessary) Applicant. Hugh R. Sharkey et al. Filing Date Group Art Unit November 14, 2003 To be assigned (37 CFR §1.98(b))

/Y.L./	GA	5,673,707	10/07/97	Chandrasekaran	
	GB	5,676,662	10/14/97	Fleischhacker et al.	
	GC	5,680,860	10/28/87	Imran	
	GD	5,683,384	11/04/97	Gough et al.	
	GE	5,687,723	11/18/97	Avitall	
	GF	5,688,267	11/18/97	Panescu et al.	
	GG	5,693,050	12/02/97	Speiser	
	GH	5,694,945	12/09/97	Ben-Haim	
	GI	5,697,281	12/16/97	Eggers et al.	
	GJ	5,697,536	12/16/97	Eggers et al.	
	GK	5,697,882	12/16/97	Eggers et al.	
	GL	5,735,792	04/07/98	Vander Hoek et al.	,
	GM	5,697,927	12/16/97	Imran et al.	
	GN	5,700,262	12/23/97	Acosta et al.	
	GO	5,738,683	04/14/98	Osypka	
	GP	5,741,245	04/21/98	Cozean et al.	
	GQ	5,743,903	04/28/98	Stern et al.	
	GR	5,762,626	06/09/98	Lundquist et al.	
	GS	5,766,153	06/16/98	Eggers et al.	
	GT	5,779,646	07/14/98	Koblish et al.	
	GU	5,779,699	07/14/98	Lipson	<u> </u>
	GV	5,782,795	07/21/98	Bays	
	GW	5,785,705	07/28/98	Baker	
	GX	5,797,903	08/25/98	Swanson et al.	
V	GY	5,807,306	09/15/98	Shapland et al.	
/Y.L./	GZ	5,810,802	09/22/98	Panescu et al.	

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Information Disclosure Statement by Applicant (Use several sheets if necessary)

(Use several sheets if necessary)

(37 CFR §1.98(b))

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/Y.L./	НА	5,836,875	11/17/98	Webster	
1	НВ	5,836,892	11/17/98	Lorenzo	
	нс	5,836,947	11/17/98	Fleischman et al.	
	HD .	5,853,409	12/29/98	Swanson et al.	
	HE	5,857,991	01/12/99	Grothoff et al.	
	HF	5,860,951	01/19/99	Eggers et al.	
	HG	5,860,974	01/19/99	Abele	
	НН	5,861,002	01/19/99	Desai	
	НІ	5,871,469	02/16/99	Eggers et al.	
	НЈ	5,871,501	02/16/99	Leschinsky et al.	
	HK	5,873,855	02/23/99	Eggers et al.	
	HL	5,882,346	03/16/99	Pomeranz et al.	
	НМ	5,885,217	03/23/99	Gisselberg et al.	
	HN	5,885,278	03/23/99	Fleischman	
	НО	5,888,198	03/30/99	Eggers et al.	
	HP	5,891,095	04/06/99	Eggers et al.	
	HQ	5,897,553	04/27/99	Mulier et al.	
	HR	5,902,272	05/11/99	Eggers et al.	
	HS	5,910,129	06/08/99	Koblish et al.	
	HT	5,916,158	06/29/99	Webster	
	HU	5,916,166	06/29/99	Reiss	
	HV	5,921,924	07/13/99	Avitall	
	HW	5,935,123	08/10/99	Edwards et al.	
	нх	5,980,471	11/09/99	Jafari	
W	HY	5,980,504	11/09/99	Sharkey et al.	
/Y.L./	HZ	5,991,650	11/23/99	Swanson et al.	<u> </u>

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by Applicant
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(37 CFR §1.98(b))

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Patent and Trademark Office

Attomey's Docket No.
14170-038006

Application No.
14170-038006

Filing Date
November 14, 2003

Group Art Unit
November 14, 2003

To be assigned

/Y.L./	IA	5,993,424	11/30/99	Lorenzo et al.			
1 .	IB	6,004,319	12/21/99	Goble et al.			
	IC	6,007,570	12/28/99	Sharkey et al.			
	ID	6,010,493	01/04/00	Snoke			
	IE	6,014,579	01/11/00	Pomeranz et al.			
	IF	6,017,361	01/25/00	Mikus et al.			
	IG	6,023,638	02/08/00	Swanson			
	IH	6,033,397	03/07/00	Laufer et al.			
	II	6,036,688	03/14/00	Edwards			
	IJ	6,048,329	04/11/00	Thompson et al.			
	IK	6,048,340	4/11/00	Miyagi			
	IL	6,053,172	04/25/00	Hovda et al.			
	IM	6,056,744	05/02/00	Edwards			
.	IN	6,073,051	06/06/00	Sharkey et al.			
	IO	6,079,417	06/27/00	Fugo			
	IP	6,093,185	07/25/00	Ellis et al.			
	IQ	6,095,149	08/01/00	Sharkey et al.			
	IR	6,099,514	08/08/00	Sharkey et al.			
	IS	6,102,046	08/15/00	Weinstein et al.			
	IT	6,105,581	08/22/00	Eggers et al.			
	IU	6,106,522	08/22/00	Fleischman et al.			
	IV	6,113,591	09/05/00	Whayne et al.			
	IW	6,122,549	09/19/00	Sharkey et al.			
	IX	6,126,682	10/03/00	Sharkey et al.			
Ψ	IY	6,135,999	10/24/00	Fanton et al.			
/Y.L./	IZ	6,165,139	12/26/00	Damadian			
/ I . L. /		1 -,	1		<u></u>	<u> </u>	<u> </u>

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Substitute Form PTO-1449 (Modified) Application No. Attorney's Docket No. U.S. Department of Commerce Patent and Trademark Office 14170-038006 10/712,006 **Applicant Information Disclosure Statement** Hugh R. Sharkey et al. by Applicant (Use several sheets if necessary) Group Art Unit Filing Date November 14, 2003 To be assigned (37 CFR §1.98(b))

Y.L. JA
JC 6,179,836 01/30/01 Eggers et al. JD 6,203,525 03/20/01 Whayne et al. JE 6,217,528 04/17/01 Koblish et al. JF 6,224,592 05/01/01 Eggers et al. JG 6,241,754 06/05/01 Swanson et al. JH 6,245,061 06/12/01 Panescu et al. JI 6,245,069 06/12/01 Gminder JJ 6,261,311 07/17/01 Sharkey et al. JK 6,264,651 07/24/01 Underwood et al. JL 6,270,476 08/07/01 Santoianni et al. JM 6,273,886 08/14/01 Edwards et al. JN 6,277,112 08/21/01 Underwood et al. JO 6,283,960 09/04/01 Ashley JP 6,283,961 09/04/01 Underwood et al. JQ 6,287,306 09/11/01 Kroll et al. JR 6,290,715 09/18/01 Sharkey et al.
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IT 2001/0029370 10/11/01 Hodya et al.
31 2001/02/370 15:11:01
ЛU 6,304,785 10/16/01 McCreery et al.
JV 2001/0031963 10/18/01 Sharkey et al.
JW 6,308,091 10/23/01 Avitall
JX 6,332,880 12/25/01 Yang et al.
JY 2002/0019626 02/14/02 Sharkey et al.
/Y.L./ JZ 2002/0022830 02/21/02 Sharkey et al.

Examiner Signature	/Yun Haeng Lee/ (08/09/2007)	Date Considered 08/09/2007	}
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/Y.L./	KA	6,355,032	03/12/02	Hovda et al.		
	KB	6,379,350	04/30/02	Sharkey et al.		
	KC	6,416,508	07/09/02	Eggers et al.		
	KD	6,428,512	08/06/02	Anderson et al.		
	KE	6,440,127	08/27/02	McGovern et al.	•	
	KF	6,440,129	08/27/02	Simpson		
	KG	2002/0120259	08/29/02	Lettice et al.		
	KH	6,461,357	10/08/02	Sharkey et al.		
	KI	2002/0188284	12/12/02	To et al.		
	KJ	2002/0188291	12/12/02	Uchida et al.		
	KK	2003/0014050	01/16/03	Sharkey et al.		
	KL	6,547,810	04/15/03	Sharkey et al.		
	KM	6,562,028	05/13/03	Nield et al.		
	KN	6,604,003	08/05/03	Fredricks et al.		
Ī	ко	6,638,276	10/28/03	Sharkey et al.		
	КР	6,645,203	11/11/03	Sharkey et al.		,
V	KQ	6,645,204	11/11/03	Sharkey et al.		
/Y.L./	KR	6,648,884	11/18/03	To et al.		

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Examiner	Desig.	Document	Publication	Country or		Subc	Transla	ation
Initial	ID	Number	Date	Patent Office	Class	lass	Yes	No
/Y.L./	KS	2,188,668	11/16/95	CA				<u> </u>
	KT							
	KU	3918316	03/22/90	DE				
	KV	38 38 840	05/23/90	DE			Abstract Yes	
	KW	41 08 269	06/17/92	DE			Abstract Yes	
V	кх	44 25 015	01/25/96	DE			Abstract Yes	
/Y.L./	KY	196 30 601	02/06/97	DE			Abstract Yes	

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Date Considered 08/09/2007

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Substitute Form PTO-1449 (Modified)			Application No. 10/712,006	
1'	sclosure Statement pplicant	Applicant Hugh R. Sharkey et al.		
(Use several s	heets if necessary)	Filing Date November 14, 2003	Group Art Unit To be assigned	

		Foreig	n Patent Doc	uments or P	ublished Foreign	Patent A			
Exam		Desig.	Document	Publication	Country or		Subc	Transl	
Init		ID	Number	Date	Patent Office	Class	lass	Yes	No
/Υ.	L./	LA	0 013 605	07/23/80	EPO				
		LB	0 257 116	03/02/88	EPO				
		LC	0 274 705	07/20/88	ЕРО			Abstract Yes	
		LD	0 392 837	10/17/90	EPO				
		LE	0 407 057	01/09/91	EPO				
		LF	0 439 263	07/31/91	EPO				
		LG	0 521 595	01/07/93	EPO				
		LH	0 648 475	04/19/95	EPO				
		LI	0 682 910	11/22/95	EPO			Abstract Yes	
		LJ	0 737 487	10/16/96	EPO				
		LK	2 313 949	01/07/77	FR				
		LL	1,583,397	01/28/81	GB				
		LM	2,160,102	12/18/85	GB				
	_	LN	WO 81/03271	11/26/81	WIPO				
-		LO	WO 82/02488	08/05/82	WIPO				
		LP	WO 84/03829	10/11/84	WIPO				
		LQ	WO 92/05828	04/16/92	WIPO				
		LR	WO 93/15664	08/19/93	WIPO				
		LS	WO 94/10921	05/26/94	WIPO				
		LT	WO 95/10225	04/20/95	WIPO				
		LU	WO 95/10321	04/20/95	WIPO				
	•	LV	WO 95/10981	04/27/95	WIPO				
		LW	WO 96/00036	01/04/96	WIPO				
	,	LX	WO 96/00040	01/04/96	WIPO				
V		LY	WO 96/29946	10/03/96	WIPO				
/Y.L	/	LZ	WO 96/34571	11/07/96	WIPO				

Examiner Signature	Date Considered 08/09/2007	
/Yun Haeng Lee/ (08/09/2007)		
EXAMINER: Initials citation considered. Draw line through citation if no	ot in conformance and not considered. Include copy of this form with	
next communication to applicant.	0 1 11 1 D: 1 (DTO 444	<u> </u>

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office			
** ***	closure Statement	Applicant. Hugh R. Sharkey et al.		
(Use several sh	by Applicant (Use several sheets if necessary)		Group Art Unit	

/Y.L./	MA	WO 96/37146	11/28/96	WIPO			
1	MB.	WO 96/39085	12/12/96	WIPO			
	МС	WO 96/39966	12/19/96	WIPO			
	MD	WO 98/11944	03/26/98	WIPO			
	ME	WO 98/34558	08/13/98	WIPO			
	MF	WO 99/18878	04/22/99	WIPO			
\overline{V}	MG	WO 99/47058	09/23/99	WIPO		<u> </u>	
/Y.L./	МН	WO 99/51149	10/14/99	WIPO		<u> </u>	

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner	Desig.	
Initial	ID	Document
/Y.L./	MI	Answer and Counterclaims of Defendant Arthrocare Corporation, filed 8/7/03, in re Smith & Nephew, Inc. v. Arthrocare Corporation (No. 03-2214 MaA, USDC, Western District of Tennessee, Western Division.
1	MJ	Fine, B.S., and Yanoff, Y., Ocular Histology, 2 nd Ed., pp. 130-159, Harper & Row, Hagerstown, Maryland, 1979.
	MK	Cosman, E.R., and Cosman, B.J., "Methods of Making Nervous System Lesions," Neurosurgery, R.H. Wilkins and S.S. Rengachary, eds., Chapter 337, pp. 2490-2499
	ML	Elsasser et al., "An instrument for transurethral resection without leakage of current," Medizinal-Markt/Acta Medicotechnica, Vol. 24 (4), 1976 129-134.
	ММ	"Lase®The Next Step in Conservative Therapy for Patients with Contained Herniated Discs," Clarus Medical, reprinted from http://www.clarus-medical.com/lase.htm , 5 pages
	MN	"LASE Patient Information", Clarus medical, reprinted from http://www.clarus-medical.com/lase.htm , 5 pages
V	МО	Tobler et al., "Improved Outcome in the Treatment of Trigeminal Neuralgia by Percutaneous Stereostatic Rhizotomy with a New, Curved Tip Electrode," Neurosurgery, 12 (3), 1983, 313-317.
/Y.L./	MP	Zinn, K.M. and Mockel-Pohl, S., "The Lens and Zonules," Ocular Fine Structure for the Clinician, Vol. 13, No. 3, 1973, pp. 143-155

Examiner Signature	/Yun Haeng Lee/ (08/09/2007)	Date Considered	08/09/2007
EXAMINER: Initials cit next communication to		t in conformance ar	nd not considered. Include copy of this form with Substitute Disclosure Form (PTO-1449)

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14170-038006	Application No. To be assigned
1	closure Statement pplicant	Applicant Hugh R. Sharkey et al.	
	heets if necessary)	Filing Date November 14, 2003	Group Art Unit To be assigned

		5-4	U.S. Pate	ent Documents				Data
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing If Appro	
/Y.L./	AA	2,090,923	8/37	Wappler				
J	AB	3,178,728	4/65	Christensen				
	AC	3,579,643	5/71	Morgan				
	AD	3,776,230	12/73	Neefe				
	AE	3,807,390	4/74	Ostrowski et al.				
	AF	3,856,015	12/74	Iglesias			_	
	AG	3,867,728	2/75	Substad et al.				
	AH	3,879,767	4/75	Substad				
	AI	3,886,600	6/75	Kahn et al.				
	AJ	3,938,198	2/76	Kahn et al.				
	AK	3,945,375	3/76	Banko				
	AL	3,987,499	10/76	Scharbach et al.				
	AM	3,992,725	11/76	Homsy				
	AN	4,043,342	8/97	Morrison, Jr.				
	AO	4,074,718	2/78	Morrison, Jr.				
	AP	4,085,466	4/78	Goodfellow et al.				
$\overline{}$	AQ	4,129,470	12/78	Homsy				
/Y.L./	AR	4,134,406	1/79	Iglesias		·		
	Foreig	n Patent Doo	uments or P	ublished Foreign	Patent /	Applicatio	ns	
Examiner	Desig.	Document	Publication	Country or			Trans	
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
/Y.L./	AS	0 257 116 A1	3/88	EPO				
	AT	0 274 705 A1	7/88	EPO				
	AU	0 479 482 A1	4/92	EPO				
V	AV	0 521 595 A2	1/93	EPO				
/Y.L./	AW	0 542 412 A1	5/93	EPO				
	Other D	ocuments (i	nclude Autho	or, Title, Date, and	Place o	f Publicat	ion)	
Examiner Initial	Desig.			Document				
	AX							
Examiner Sign		aeng Lee/ (08/0)9/2007)	Date Considered 08/0	09/2007	•		
EXAMINER:	Initials citati	on considered. Draw	line through citation	if not in conformance and r	not considere	d. Include copy	of this form	with

Substitute Form PTO-1449
(Modified)

U.S. Department of Commerce Patent and Trademark Office

Information Disclosure Statement
by Applicant
(Use several sheets if necessary)

(37 CFR §1.98(b))

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No.
14170-038006

Application No.
To be assigned

Filing Date
November 14, 2003

To be assigned

Examiner	Desig.	Patent				,	Filing	
Initial	ID	Number	Issue Date	Patentee	Class	Subclass	If Appro	opriate
/Y.L./	BA	4,224,696	9/80	Murray et al.				
	ВВ	4,224,697	9/80	Murray et al.		,		
	ВС	4,326,529	4/82	Doss et al.				
	BD	4,344,193	8/82	Kenny				
	BE	4,362,160	12/82	Hiltebrandt				<u> </u>
	BF	4,378,220	3/83	Matvias				
	BG	4,381,007	4/83	Doss				
	ВН	4,397,314	8/83	Vaguine				
	BI	4,405,314	9/83	Cope				
	ВЈ	4,476,862	10/84	Pao				
	ВК	4,483,338	11/84	Bloom et al.				
	BL	4,517,965	5/85	Ellison				
	ВМ	4,517,975	5/85	Garito et al.				
	BN	4,590,934	5/86	Malis et al.				
	во	4,593,691	6/86	Lindstrom et al.				
	BP	4,597,379	7/86	Kihn et al.				
\overline{V}	BQ	4,601,705	7/86	МсСоу				
/Y.L./	BR	4,651,734	3/87	Doss et al.				
	Foreig	n Patent Doo	uments or P	ublished Foreign	Patent /	Applicatio	ns	
Examiner	Desig.	Document	Publication	Country or			Trans	
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
/Y.L./	BS	0 558 297 A2	9/93	EPO				
	BT	0 566 450 A1	10/93	EPO				
	BU	0 572 131 A1	12/93	EPO			<u> </u>	
<u> </u>	BV	0 682 910 A1	11/95	EPO			-	
/Y.L./	BW	0 479 482 B1	5/96	EPO				
		ocuments (ii	nclude Autho	or, Title, Date, and	Place o	f Publicati	ion)	
Examiner Initial	Desig.			Document			<u>-</u>	
	BX							
Examiner Sign	nature /Yur	n Haeng Lee/ (0	8/09/2007)	Date Considered (08/09/2007	7		
EXAMINER:	Initials citati	on considered. Draw	line through citation	if not in conformance and n	ot considere	d. Include copy	of this form	with

Substitute Form PTO-1449 (Modified)

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Attorney's Docket No. 14170-038006

Application No. To be assigned

Information Disclosure Statement by Applicant

(Use several sheets if necessary)

Applicant Hugh R. Sharkey et al.

Filing Date

Group Art Unit

(37 CFR §1.98(b))

November 14, 2003 To be assigned

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
/Y.L./	CA	4,737,146	4/88	Amaki et al.			
. [СВ	4,811,733	3/89	Borsanyi et al.			
	CC	4,815,462	3/89	Clark			
	CD	4,838,859	6/89	Strassmann			
	CE	4,846,175	7/89	Frimberger			
	CF	4,873,976	10/89	Schreiber			
	CG	4,894,063	1/90	Nashef			
	СН	4,895,148	1/90	Bays et al.			
	CI	4,907,585	3/90	Schachar			
	CJ	4,907,589	3/90	Cosman			
	СК	4,924,865	5/90	Bays et al.			
	CL	4,944,727	7/90	McCoy			
	СМ	4,950,234	8/90	Fujioka et al.			
	CN	4,955,882	9/90	Hakky			
	СО	4,966,597	10/90	Cosman			
	СР	4,976,709	12/90	Sand			
V	CQ	4,976,715	12/90	Bays et al.			
/Y.L./	CR	4,998,933	3/91	Eggers et al.			

	Foreig	n Patent Do	cuments or P	ublished Foreign	Patent /	Application	าร	
Examiner	Desig.	Document	Publication	Country or			Translation	
Initial	ÎD	Number	Date	Patent Office	Class	Subclass	Yes	No
/Y.L./	CS	0 729 730 A1	9/96	EPO				
1	СТ	0 737 487 A2	10/96	EPO				
	CU	0 783 903 A1	7/97	EPO				
V	CV	1,122,634	9/56	France				
/Y.L./	CW	2,645,008	3/89	France				

Examiner Signature		Date Considered
	/Yun Haeng Lee/ (08/09/2007)	08/09/2007
EXAMINER: Initials c	itation considered. Draw line through citation if no	t in conformance and not considered. Include copy of this form with

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 14170-038006

Application No. To be assigned

Information Disclosure Statem nt by Applicant (Use several sheets if necessary)

Applicant Hugh R. Sharkey et al.

(37 CFR §1.98(b))

Filing Date November 14, 2003

Group Art Unit To be assigned

			U.S. Pate	ent Documents	•		
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
/Y.L./	DA ·	5,007,908	4/91	Rydell			
	DB	5,009,656	4/91	Reimels			
	DC	5,085,657	2/92	Ben-Simhon			
	DD	5,085,659	2/92	Rydell			
	DE	5,098,430	3/92	Fleenor			
	DF	5,100,402	3/92	Fan			
	DG ·	5,103,804	4/92	Abele et al.			
	DH	5,114,402	5/92	McCoy			
	DI	5,129,889	7/92	Hahn et al.			
	DJ	5,152,748	10/92	Chastagner			
	DK	5,178,620	1/93	Eggers et al.			
	DL	5,186,181	2/93	Franconi et al.			
	DM	5,191,883	3/93	Lennox et al.			
	DN	5,192,267	3/93	Shapira et al.			
	DO	5,201,729	4/93	Hertzmann et al.		`	
	DP	5,201,730	4/93	Easley et al.			
V	DQ	5,201,731	4/93	Hakky			
/Y.L./	DR	5,213,097	5/93	Zeindler			

		Foreig	n Patent Do	cuments or P	Published Foreign	Patent A	Application	าร	
Exam	niner	Desig.	Document	Publication	Country or			Translation	
Init		ID	Number	Date	Patent Office	Class	Subclass	Yes	No
/Y.	.L./	DS	35 111 07	10/86	Germany				
		DT	36 321 97	3/88	Germany				
		DU	5-42166	5/93	Japan				
		DV	637118	12/78	USSR				
1	/	DW	1,340,451	12/73	UK				
/Y.	L./	DX	2,164,473	3/86	UK				

Examiner Signature	Date Considered
/Yun Haeng Lee/ (08/09/2007)	08/09/2007
EXAMINER: Initials citation considered. Draw line through citation if no next communication to applicant.	ot in conformance and not considered. Include copy of this form with

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 14170-038006

Application No. To be assigned

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Applicant

Hugh R. Sharkey et al.

Filing Date

Group Art Unit

(37 CFR §1.98(b))

November 14, 2003 To be assigned

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
/Y.L./	EA	5,230,334	7/93	Klopotek			'
	EB	5,242,439	9/93	Larsen et al.			
	EC	5,242,441	9/93	Avirall			
	ED	5,261,906	11/93	Pennino et al.			·
,	EE	5,267,994	12/93	Gentelia et al.			
	EF	5,275,151	1/94	Shockey et al.			
	EG	5,279,559	1/94	Barr			
	EH	5,284,479	2/94	de Jong			
	EI	5,304,169	4/94	Sand			
	EJ	5,308,311	5/94	Eggers et al.			
	EK	5,311,858	5/94	Adair		_	
	EL	5,320,115	6/94	Kenna			
	EM	5,323,778	6/94	Kandarpa et al.			
	EN	5,334,193	8/94	Nardella			
	EO	5,342,357	8/94	Nardella			
	EP	5,345,945	9/94	Hodgson et al.			
-	EQ	5,348,554	9/94	Imran et al.			
/Y.L./	ER	5,352,868	10/94	Denen et al.			

	Foreig	n Patent Doo	uments or F	ublished Foreign	Patent /	Application	าร	
Examiner	Desig.	Document	Publication	Country or				lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
/Y.L./	ES	WO 85/02762	7/85	WIPO		•		
	ET	WO 92/05828	4/92	WIPO		·		
	EU	WO 92/10142	6/92	WIPO				
	EV	WO 93/01774	2/93	WIPO				
V	EW	WO 93/16648	9/93	WIPO				
/Y.L./	EX	WO 93/20984	10/93	WIPO				

Examiner Signature

/Yun Haeng Lee/ (08/09/2007)

Date Considered

08/09/2007

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14170-038006	Application No. To be assigned	
	closure Statement oplicant	Applicant Hugh R. Sharkey et al.		
(Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date November 14, 2003	Group Art Unit To be assigned	

			U.S. Pate	ent Documents			
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
/Y.L./	FA	5,354,331	10/94	Schachar			
	FB	5,364,395	11/94	West, Jr.			
	FC	5,366,443	11/94	Eggers et al.		!	
	FD	5,366,490	11/94	Edwards et al.			
	FE	5,382,247	1/95	Cimino et al.		!	
	FF	5,389,100	2/95	Bacich et al.			
	FG	5,397,304	3/95	Truckai			
	FH	5,401,272	3/95	Perkins			
	FI	5,415,633	5/95	Lazarus et al.			
	FJ	5,423,806	6/95	Dale et al.			
	FK	5,433,739	7/95	Sluijter et al.			
	FL	5,437,661	8/95	Rieser			
	FM	5,437,662	8/95	Nardella			·
	FN	5,451,223	9/95	Ben-Simhon			
	FO	5,458,596	10/95	Lax et al.			
	FP	5,464,023	11/95	Viera			
V	FQ	5,465,737	11/95	Schachar			
/Y.L./	FR	5,484,403	1/96	Yoakum et al.			

	Foreig	n Patent Doo	uments or P	ublished Foreign	Patent A	Application	15	
Examiner	Desig.	Document	Publication	Country or			Translation	
Initial	ID _	Number	Date	Patent Office	Class	Subclass	Yes	No
/Y.L./	. FS	WO 95/01814	1/95	WIPO				
t	FT	WO 95/13113	5/95	WIPO				
	FU	WO 95/18575	7/95	WIPO		*		
	FV	WO 95/20360	8/95	WIPO .				
V	FW	WO 95/25471	9/95	WIPO				
/Y.L./	FX	WO 95/30373	11/95	WIPO				

Examiner Signature /Yun Haeng Lee/ (08/09/2007)	Date Considered 08/09/2007
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Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No.

14170-038006

Application No.

To be assigned

Information Disclosure Statement by Applicant

Hugh R. Sharkey et al.

November 14, 2003

Applicant

Filing Date

(Use several sheets if necessary)

Group Art Unit
To be assigned

(37 CFR §1.98(b))

U.S. Patent Documents Filing Date Patent Examiner Desig. Class **Subclass** If Appropriate Patentee Number Issue Date Initial ID Sand GA 5,484,432 1/96 /Y.L./ 1/96 Fleenor et al. **GB** 5,484,435 1/96 Truckai et al. GC 5,487,757 3/96 Hakky et al. **GD** 5,498,258 3/96 Brucker et al. GE 5,500,012 4/96 Moore **GF** 5,507,812 5,514,130 5/96 Baker GG 6/96 5,524,338 Martyniuk et al. GH. 6/96 Kresch et al. GI 5,527,331 Cherif Cheikh 8/96 GJ 5,542,920 Lax et al. GK 10/96 5,569,242 Edwards et al. 5,599,346 2/97 GL Corbett, III, et al. GM 5,630,839 5/97 10/97 Eggers et al. GN 5,681,282 5,683,366 11/97 Eggers et al. GO Yates et al. GP 5,688,270 11/97 GQ 5,697,909 12/97 Eggers et al. **Edwards** GR 5,718,702 2/98

		Foreig	n Patent Doo	uments or F	Published Foreign	Patent /	Application	าร	
Exam	iner	Desig.	Document	Publication	Country or			Translation	
Initi		ID	Number	Date	Patent Office	Class	Subclass	Yes	No
/Y.	.L./	GS	WO 95/30377	11/95	WIPO				
ı		GT	WO 95/34259	12/95	WIPO				
		GU	WO 96/11638	4/96	WIPO				
		GV	WO 96/32051	10/96	WIPO				
V		GW	WO 96/32885	10/96	WIPO				
/Y.l	L./	GX	WO 96/34559	11/96	WIPO				

Examiner Signature

Date Considered

/Yun Haend Lee/ (08/09/2007)

08/09/2007

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14170-038006	Application No. To be assigned
1	closure Stat ment	Applicant Hugh R. Sharkey et al.	
by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Filing Date November 14, 2003	Group Art Unit To be assigned

	<u></u> .		U.S. Pate	ent Documents		<u></u>	
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
/Y.L./	НА	5,782,795	7/98	Bays			
	НВ	5,810,809	9/98	Rydell			
	HC	5,874,500	2/99	Rhee et al.			
	HD	5,888,220	3/99	Felt et al.			
	. HE	5,980,504	11/99	Sharkey et al.			
	HF	6,007,570	12/99	Sharkey et al.			
	HG	6,073,051	6/00	Sharkey et al.			
	нн	6,095,149	8/00	Sharkey et al.			
	HI	6,099,514	8/00	Sharkey et al.			
	НЈ	6,122,549	9/00	Sharkey et al.			
	нк	6,126,682	10/00	Sharkey et al.			
	HL	6,176,857	1/2001	Ashley			
	НМ	6,258,086	7/2001	Ashley et al.			
	HN	6,264,650	7/2001	Hovda et al.			
	НО	6,283,961	9/2001	Underwood et al.			
	НР	6,350,262	2/2002	Ashley			,
V	HQ	5,486,161	1/23/96	Lax et al.			
/Y.L./	HR			·	•		

	Foreig	n Patent Doo	uments or F	ublished Foreign	Patent A	Application	าร	
Examiner	Desig.	Document	Publication	Country or				lation
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	No
/Y.L./	HS	WO 96/34568	11/96	WIPO				
	НТ	WO 96/34571	11/96	WIPO				
	HU	WO 96/39914	12/96	WIPO				
	HV	WO 97/06855	2/97	WIPO				
V	HW	WO 97/07468	2/98	WIPO			-	
/Y.L./	нх	WO 98/17190	4/98	WIPO				

Examiner Signature /Yun Haeng Lee/ (08/	Date Considered 09/2007)	08/09/2007
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examiner: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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(Use several sheets if necessary)		Filing Date . November 14, 2003	Group Art Unit To be assigned

	Other D	ocuments (include Author, Title, Date, and Place of Publication)
Examiner Initial	Desig. ID	Document
/Y.L./	IA	Trimedyne, The Less Invasive Laser Advantage, Omni Spinal Introduction System.
	IB	PRNewswire (Dec. 12, 1994), Two Physicians Perform First Outpatient Cervical Disc Procedure Using Laser Technology.
	IC	Introduction to the LDD Disc Kit, Oct. 16, 1996.
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Substitute Form PTO-1449 (Modified) U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 14170-038006	Application No. To be assigned
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Hugh R. Sharkey et al.	
		Filing Date November 14, 2003	Group Art Unit To be assigned

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/Y.L./	KA	Vorwerck et al., Laserablation des Nucleus Pulposus: Optische Eigenschaften von Degeneriertem Bandscheibengewebe im Wellenlangenbereich von 200 bis 2200 nm, vol. 151 No. 6, (1989) pp. 725-728.
. /Y.L./	КВ	"Answer and Counterclaim of Defendant TYCO HEALTHCARE GROUP LP in Civil Action No. 01-558" (U.S. District Court, District of Columbia)

Date Considered Examiner Signature 08/09/2007 /Yun Haeng Lee/ (08/09/2007)

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